

Appendix A

1999 Crash Database

Table A.1 – 1999 Crash Database

Road	District	County	Section	Subsection	BMP	EMP	Crashes	ADT	Actual	Critical	Ratio	FTL	INJ	PRTY	TOTAL	98	97
275	7	10	320	0	4.969	5.065	37	108932	0.93	0.363	2.561	1	45	20	\$3,093,200.00	45	87
275	7	10	320	0	7.249	7.347	12	78500	0.418	0.396	1.055	0	8	7	\$1,003,200.00	0	0
75	7	14	140	0	11.745	11.824	8	40062	0.547	0.503	1.087	0	15	3	\$1,565,600.00	0	0
275	7	15	190	0	7.539	7.607	15	110500	0.371	0.362	1.024	0	7	9	\$1,254,000.00	0	0
275	7	15	190	0	15.542	15.542	14	100000	0.383	0.372	1.029	0	15	5	\$1,170,400.00	0	0
4	1	16	320	0	6.307	6.405	9	55000	0.448	0.437	1.025	0	11	3	\$752,400.00	0	0
4	1	16	320	0	29.066	29.095	12	57000	0.576	0.475	1.212	2	14	5	\$2,348,400.00	0	0
75	2	26	260	0	9.774	9.84	9	45000	0.547	0.463	1.181	0	12	2	\$752,400.00	0	0
75	2	26	260	0	21.069	21.158	11	37000	0.814	0.51	1.596	3	10	5	\$2,152,700.00	0	0
75	2	26	260	0	26.194	26.253	13	32500	1.095	0.521	2.101	0	3	10	\$2,544,100.00	0	99
10	3	48	260	0	12.945	12.971	10	37500	0.73	0.489	1.492	0	2	8	\$836,000.00	0	0
10	3	58	2	0	4.821	4.892	8	40500	0.541	0.478	1.131	0	13	0	\$668,800.00	8	8
295	2	72	1	0	11.375	11.449	20	89000	0.615	0.383	1.605	0	28	6	\$1,672,000.00	97	74
295	2	72	1	0	11.925	11.992	18	85000	0.58	0.388	1.494	0	21	3	\$1,504,800.00	0	77
295	2	72	1	0	21.89	21.985	13	74500	0.478	0.402	1.189	2	12	4	\$1,086,800.00	0	42
295	2	72	1	0	22.418	22.419	16	57132	0.767	0.433	1.771	0	10	9	\$1,337,600.00	99	0
95	2	72	20	0	1.117	1.214	15	97500	0.421	0.374	1.125	0	21	4	\$1,254,000.00	0	0
95	2	72	20	0	1.334	1.429	38	97500	1.067	0.374	2.852	0	48	13	\$3,176,800.00	0	80
95	2	72	20	0	2	2.085	20	97500	0.561	0.374	1.5	0	30	6	\$1,672,000.00	0	0
75	1	3	175	0	56.58	56.649	8	40137	0.546	0.503	1.085	0	6	2	\$1,565,600.00	0	99
75	1	3	175	0	60.031	60.086	9	40137	0.614	0.503	1.22	2	22	2	\$1,761,300.00	0	0
75	7	8	150	0	10.068	10.068	9	33000	0.747	0.52	1.436	0	11	2	\$1,761,300.00	0	0
75	7	8	150	0	11.068	11.147	11	33000	0.913	0.52	1.755	0	23	3	\$2,152,700.00	0	0
75	7	10	75	0	12.195	12.244	9	49500	0.498	0.486	1.024	1	5	7	\$1,761,300.00	0	0
75	7	10	75	0	16.731	16.747	10	60000	0.456	0.427	1.067	0	13	2	\$836,000.00	0	0
75	7	10	75	0	30.103	30.103	11	73000	0.412	0.404	1.019	1	5	6	\$919,600.00	0	0

Table A.1 (Continued)

Road	District	County	Section	Subsection	BMP	EMP	Crashes	ADT	Actual	Critical	Ratio	FTL	INJ	PRTY	TOTAL	98	97
75	7	10	75	0	30.558	30.603	12	73000	0.45	0.404	1.113	1	7	7	\$1,003,200.00	0	0
75	7	10	75	0	32.159	32.239	11	63000	0.478	0.421	1.135	0	10	5	\$919,600.00	0	0
4	7	10	190	0	8.5	8.59	15	108000	0.38	0.364	1.043	0	13	10	\$1,254,000.00	0	88
4	7	10	190	0	9.414	9.51	18	108000	0.456	0.364	1.252	0	15	11	\$1,504,800.00	0	0
4	7	10	190	0	14.036	14.131	12	78900	0.416	0.396	1.05	0	9	6	\$1,003,200.00	0	0
4	7	10	190	0	14.435	14.532	46	78900	1.597	0.396	4.032	0	32	22	\$3,845,600.00	0	0
275	7	10	190	0	1.21	1.246	16	100000	0.438	0.372	1.177	0	9	11	\$1,337,600.00	0	0
275	7	10	190	0	1.602	1.698	15	111000	0.37	0.362	1.022	1	11	7	\$1,254,000.00	0	0
275	7	10	190	0	6.005	6.103	27	164000	0.451	0.328	1.375	0	28	14	\$2,257,200.00	0	0
275	7	10	190	0	6.479	6.574	61	164000	1.019	0.328	3.106	0	44	33	\$5,099,600.00	94	89
275	7	10	320	0	4.086	4.181	20	115000	0.476	0.358	1.329	0	20	10	\$1,672,000.00	0	0
95	2	72	20	0	2.393	2.488	15	97500	0.421	0.374	1.125	0	11	8	\$1,254,000.00	0	71
95	2	72	20	0	2.526	2.6	15	97500	0.421	0.374	1.125	0	15	5	\$1,254,000.00	0	0
95	2	72	20	0	2.611	2.71	17	113000	0.412	0.36	1.144	1	35	8	\$1,421,200.00	0	0
95	2	72	20	0	2.82	2.915	21	113000	0.509	0.36	1.413	0	20	8	\$1,755,600.00	0	0
10	2	72	270	0	21.464	21.5	15	113500	0.362	0.36	1.005	0	14	4	\$1,254,000.00	0	0
482	5	75	2	0	0.157	0.203	21	47000	1.224	1.149	1.065	0	24	6	\$1,329,300.00	80	84
482	5	75	2	0	0.351	0.408	19	32000	1.626	1.482	1.097	0	21	8	\$1,415,500.00	0	0
482	5	75	2	0	0.665	0.703	18	32000	1.541	1.482	1.039	0	21	3	\$1,341,000.00	0	0
482	5	75	2	0	2.981	3	29	46500	1.708	1.357	1.258	0	32	9	\$2,160,500.00	0	0
482	5	75	2	0	4.619	4.657	17	38500	1.209	1.206	1.002	0	12	8	\$1,076,100.00	0	0
4	5	75	280	0	2.851	2.901	18	137000	0.359	0.343	1.046	1	9	10	\$1,504,800.00	0	99
4	5	75	280	0	13.406	13.503	21	138500	0.415	0.342	1.213	0	18	11	\$1,755,600.00	0	0
4	5	75	280	0	13.841	13.939	26	145000	0.491	0.338	1.452	0	23	10	\$2,173,600.00	0	0

Table A.1 (Continued)

Road	District	County	Section	Subsection	BMP	EMP	Crashes	ADT	Actual	Critical	Ratio	FTL	INJ	PRTY	TOTAL	98	97
4	5	77	160	0	7.255	7.255	16	105793	0.414	0.366	1.131	0	4	15	\$1,337,600.00	0	0
4	5	77	160	0	7.79	7.79	25	105793	0.647	0.366	1.767	0	13	19	\$2,090,000.00	0	0
4	5	77	160	0	13.967	14.063	17	86000	0.541	0.387	1.397	0	17	6	\$1,421,200.00	79	0
95	5	79	2	0	40.888	40.983	10	50000	0.547	0.449	1.218	0	15	6	\$836,000.00	0	0
4	5	79	110	0	3.822	3.854	12	70500	0.466	0.408	1.142	0	17	2	\$1,003,200.00	99	99
869	4	86	12	0	1.955	2.022	24	48000	1.369	1.143	1.197	0	12	15	\$1,519,200.00	0	0
95	4	86	70	0	2.823	2.918	35	254000	0.377	0.298	1.265	0	29	19	\$2,926,000.00	95	25
95	4	86	70	0	12.915	12.915	38	268000	0.388	0.294	1.319	0	37	15	\$3,176,800.00	0	0
95	4	86	70	0	13.083	13.17	35	268000	0.357	0.294	1.214	0	51	16	\$2,926,000.00	63	0
95	4	86	70	0	14.801	14.887	37	244000	0.415	0.3	1.383	0	30	18	\$3,093,200.00	99	0
95	4	86	70	0	18.614	18.679	28	219000	0.35	0.307	1.14	0	45	11	\$2,340,800.00	0	0
95	4	86	70	0	21.772	21.866	25	185242	0.369	0.319	1.156	1	21	11	\$2,090,000.00	36	0
95	4	86	70	0	24.473	24.569	25	186000	0.368	0.319	1.153	0	17	14	\$2,090,000.00	0	0
75	4	86	75	0	9.066	9.155	13	82500	0.431	0.391	1.102	0	7	7	\$1,086,800.00	0	0
	8	86	470	0	17.031	17.127	49	61100	2.197	0.75	2.929	0	33	30	\$4,885,300.00	0	0
195	6	87	4	0	1.793	1.844	13	90135	0.395	0.382	1.034	0	12	3	\$1,086,800.00	0	0
195	6	87	4	0	4.387	4.468	19	90000	0.578	0.382	1.513	0	16	9	\$1,588,400.00	99	0
75	6	87	75	0	0.326	0.423	14	86000	0.446	0.387	1.152	0	6	10	\$1,170,400.00	0	0
75	6	87	75	0	1.031	1.119	13	86000	0.414	0.387	1.069	0	10	6	\$1,086,800.00	48	0
95	6	87	270	0	0.663	0.762	20	115500	0.474	0.358	1.324	0	14	10	\$1,672,000.00	75	52
95	6	87	270	0	2.773	2.872	18	133000	0.37	0.346	1.069	0	9	10	\$1,504,800.00	0	42
95	6	87	270	0	3.557	3.647	29	182500	0.435	0.32	1.359	0	28	15	\$2,424,400.00	0	0
95	6	87	270	0	3.657	3.726	23	182500	0.345	0.32	1.078	0	22	15	\$1,922,800.00	0	0
95	6	87	270	0	4.769	4.86	24	182500	0.36	0.32	1.125	0	14	14	\$2,006,400.00	0	0
95	6	87	270	0	5.941	6.036	23	182500	0.345	0.32	1.078	0	19	13	\$1,922,800.00	0	0
95	6	87	270	0	6.046	6.141	29	182500	0.435	0.32	1.359	0	29	12	\$2,424,400.00	0	0

Table A.1 (Continued)

Road	District	County	Section	Subsection	BMP	EMP	Crashes	ADT	Actual	Critical	Ratio	FTL	INJ	PRTY	TOTAL	98	97
95	6	87	270	0	7.101	7.185	26	222000	0.32	0.306	1.045	1	31	8	\$2,173,600.00	0	0
95	6	87	270	0	8.754	8.851	27	216444	0.341	0.308	1.107	0	27	16	\$2,257,200.00	0	99
95	6	87	270	0	9.012	9.107	32	214000	0.409	0.309	1.323	0	26	20	\$2,675,200.00	88	99
95	6	87	270	0	10.297	10.392	25	213000	0.321	0.309	1.038	0	20	11	\$2,090,000.00	13	0
95	6	87	270	0	10.847	10.931	27	206000	0.359	0.312	1.15	0	19	17	\$2,257,200.00	0	34
95	6	87	270	0	11.078	11.161	29	206000	0.385	0.312	1.233	0	16	18	\$2,424,400.00	22	22
95	6	87	270	0	11.709	11.808	24	206000	0.319	0.312	1.022	0	24	9	\$2,006,400.00	92	0
95	6	87	270	0	12.146	12.242	61	206000	0.811	0.312	2.599	1	49	30	\$5,099,600.00	99	99
95	6	87	270	0	12.274	12.371	46	206000	0.611	0.312	1.958	0	37	21	\$3,845,600.00	53	0
95	6	87	270	0	12.819	12.892	22	183500	0.328	0.32	1.025	0	13	13	\$1,839,200.00	0	0
95	6	87	270	0	13.204	13.29	30	183500	0.447	0.32	1.396	0	26	16	\$2,508,000.00	44	55
95	6	87	270	0	13.347	13.443	25	183500	0.373	0.32	1.165	0	28	13	\$2,090,000.00	4	0
95	6	87	270	0	13.595	13.69	29	183500	0.432	0.32	1.35	0	43	10	\$2,424,400.00	66	17
95	6	87	270	0	13.851	13.896	37	183500	0.552	0.32	1.725	0	29	19	\$3,093,200.00	99	99
95	6	87	270	0	14.101	14.19	23	183500	0.343	0.32	1.071	0	15	16	\$1,922,800.00	0	99
95	6	87	270	0	14.459	14.558	30	187500	0.438	0.318	1.377	0	22	15	\$2,508,000.00	0	0
95	6	87	270	0	14.659	14.743	37	187500	0.54	0.318	1.698	0	29	20	\$3,093,200.00	99	99
95	6	87	270	0	16.824	16.881	20	136000	0.402	0.344	1.168	0	33	6	\$1,672,000.00	33	59
95	4	88	81	0	7.12	7.165	10	36000	0.761	0.512	1.486	0	30	4	\$1,957,000.00	0	0
95	4	93	220	0	1.251	1.34	22	180500	0.333	0.321	1.037	0	27	6	\$1,839,200.00	85	95
95	4	93	220	0	17.491	17.541	19	125500	0.414	0.351	1.179	1	21	6	\$1,588,400.00	99	0
95	4	93	220	0	21.851	21.91	24	149000	0.441	0.336	1.312	0	22	11	\$2,006,400.00	0	99
95	4	93	220	0	31.474	31.561	26	136000	0.523	0.344	1.52	0	28	8	\$2,173,600.00	68	0
95	4	93	220	0	36.655	36.711	15	114000	0.36	0.359	1.002	0	18	6	\$1,254,000.00	0	0